

Claims

1) A process for identifying cancerogenic agents, wherein the potentially cancerogenic agents are administered to a mammal with a DNA repair disturbance caused by inhibiting the poly(ADP-ribose)polymerase.

- DCI-2.*
a 2) The ~~process~~^{method} according to claim ¹⁰~~1~~, wherein the inhibition of the poly(ADP ribose)polymerase is caused by the expression of a dominant negative poly(ADP ribose)polymerase.
- a* 3) The ~~process~~^{method} according to claim ¹⁰~~1~~ or 2, wherein the inhibition of the poly(ADP ribose)polymerase is made by a transgenic operation.
- a* 4) The ~~process~~^{method} according to any one of claims ¹⁰~~1~~ to 3, wherein the mammal used is a transgenic mouse.
- a* 5) The ~~process~~^{method} according to any one of claims ¹⁰~~1~~ to 4, wherein the potentially cancerogenic agents are administered by topical application.
- a* 6) The ~~process~~^{method} according to any one of claims ¹⁰~~1~~ to 5, wherein the mammal expresses transgenically the DNA construct shown in figure 1.

7) Use of a mammal with DNA repair disturbance caused by inhibiting poly(ADP ribose)polymerase for carrying out the process according to any one of claims 1 to 6.

8) Use according to claim 7, wherein the inhibition of the poly(ADP ribose)polymerase is caused by expression of a dominant negative poly(ADP ribose)polymerase.

9) Use according to claim 7 or 8, wherein the mammal is a transgenic mouse.

Add A'

Add B'

Add C'